

**FUNCTIONAL INDEPENDENCE MATHEMATICS
EXTENDED GRADE LEVEL CONTENT EXPECTATIONS
GRADE 6**

<p style="text-align: center;">Grade 6</p> <p style="text-align: center;">Extended Grade Level Content Expectation (EGLCE)</p>	<p style="text-align: center;">Level Assessed</p> <p style="text-align: center;">Classroom/LEA/ISD and/or State</p>
NUMBERS AND OPERATIONS	
Topic 1: Count, write and order whole numbers	
<p>N.ME.06.EG01 Read, write and count using whole numbers to 10,000 in numerals and words, and relate them to the quantities they represent.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>N.ME.06.EG02 Explore and recognize equivalent representations for whole numbers to 10,000.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>N.ME.06.EG03 Express numbers to 10,000 using place value.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>N.ME.06.EG04 Order numbers to 10,000; compare whole numbers using phrases such as same as, more than, greater than, fewer than and use = symbol.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>N.MR.06.EG05 Create, describe, and extend simple number patterns, including patterns that involve data.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>N.MR.06.EG06 Explain how to find the next number in a simple repeating pattern.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>

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Topic 2: Compute with whole numbers	
N.FL.06.EG07 Add and subtract one- and two-digit numbers, written in words or numerals, with regrouping.	Classroom/LEA/ISD and State
N.MR.06.EG08 Solve simple number sentences for addition and subtraction.	Classroom/LEA/ISD and State
N.MR.06.EG09 Understand multiplication as the result of counting the total number of objects in a set of equal groups, e.g., 3 x 5 gives the number of objects in 3 groups of 5 objects, i.e., $3 \times 5 = 5 + 5 + 5 = 15$.	Classroom/LEA/ISD and State
N.FL.06.EG10 Develop strategies for fluently multiplying numbers up to 5×5 .	Classroom/LEA/ISD and State
N.ME.06.EG11 Understand and use the various meanings and applications of division, e.g. repetitive subtraction.	Classroom/LEA/ISD and State
N.MR.06.EG12 Understand the relationship between multiplication and division, using fact families within the 5×5 multiplication table; division “undoes” multiplication, e.g., $2 \times 3 = 6$ can be rewritten as $6 \div 2 = 3$ or $6 \div 3 = 2$.	Classroom/LEA/ISD
N.MR.06.EG13 Given a simple situation involving groups of equal size or of sharing equally, represent with objects, words, and symbols and solve.	Classroom/LEA/ISD and State
Topic 3: Problem solving and estimation	
N.FL.06.EG14 Apply estimation in solving problems involving addition and subtraction.	Classroom/LEA/ISD and State

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<p>N.MR.06.EG15 Select appropriate numbers in order to solve problems, write number sentences and solve.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>N.MR.06.EG16 Solve applied problems using the four basic arithmetic operations for whole numbers (limited multiplication and division).</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
MEASUREMENT	
Topic 1: Measure and use units	
<p>M.UN.06.EG01 Select and use standard tools for measurement of length, time, weight, volume and temperature.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>M.UN.06.EG02 Select appropriate units of measure for length, time, weight, area, volume and temperature (degrees Fahrenheit, °F, only) for a given context.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>M.UN.06.EG03 Measure and compare integer temperatures in degrees (degrees Fahrenheit, °F, only).</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>M.UN.06.EG04 Measure lengths to the nearest half-inch using a ruler.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>M.UN.06.EG05 Measure area by counting squares on a grid for rectangular shapes.</p>	<p style="text-align: center;">Classroom/LEA/ISD</p>
<p>M.UN.06.EG06 Measure volume by counting blocks that fit into a rectangular prism.</p>	<p style="text-align: center;">Classroom/LEA/ISD</p>

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M.UN.06.EG07 Tell time on a twelve-hour radial clock or digital clock to the nearest hour; no A.M. or P.M.	Classroom/LEA/ISD and State
M.UN.06.EG08 Know equivalent calendar units, e.g. 60 seconds in a minute, 60 minutes in an hour, 24 hours in a day, 7 days in a week, 12 months in a year.	Classroom/LEA/ISD and State
M.PS.06.EG09 Solve one-step word problems using addition and subtraction of length, time, weight, area, volume and temperature.	Classroom/LEA/ISD and State
Topic 2: Money	
M.UN.06.EG10 Recognize equivalent sets of coins and bills.	Classroom/LEA/ISD and State
M.PS.06.EG11 Tell the amount of money in dollars and cents up to and including \$100. Use the symbols \$ and ¢.	Classroom/LEA/ISD and State
M.PS.06.EG12 Add and subtract money in dollars and cents, and combinations of dollars and cents, up to and including \$100.	Classroom/LEA/ISD and State

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GEOMETRY	
Topic 1: Identify and describe shapes	
<p>G.LO.06.EG01 Describe and use relative position of objects on a plane and in space using words such as above, below, over, under, behind, in front of, right, and left.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
Topic 2: Use maps and grids	
<p>G.LO.06.EG02 Find and name locations using simple coordinate systems such as maps and first quadrant grids.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>G.LO.06.EG03 Read, interpret and use maps and grids with legends. Understand and use directions such as north, south, east and west and directional turns such as left and right.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
DATA ANALYSIS	
Topic 1: Explore Data	
<p>D.RE.06.EG01 Read data from charts, tables, bar graphs, circle graphs, tallies and pictographs with a scale up to ten.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>D.RE.06.EG02 Draw, explain and justify predictions and conclusions from data presented in tables, graphs and charts.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>D.RE.06.EG03 Describe the shape of data using informal language (e.g. increasing, decreasing).</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p>D.RE.06.EG04 Solve problems using data presented in tables, bar graphs, circle graphs, tallies and pictographs.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>

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